

RL-721
REV 7

NEPA REVIEW SCREENING FORM

Document ID Number:

DOE/CX-00137

I. Project Title:

CH2MHill Plateau Remediation Company - Siting, Construction, and Operation of New Septic Tank, Drain Field and Fencing at the 400 Area Fast Flux Test Facility

II. Project Description and Location (including Time Period over which proposed action will occur and Project Dimensions - e.g., acres displaced/disturbed, excavation length/depth, area/location/number of buildings, etc.):

CH2MHill Plateau Remediation Company (PRC) will be conducting siting, construction, and operation of a new septic tank, drain field and fencing at the 400 Area Fast Flux Test Facility (FFTF) in accordance with the categorical exclusion (CX) referenced in 10 CFR 1021, Appendix B, CX B1.15, "Siting, Construction, and Operation of Support Buildings and Support Structures".

The specific activities will include installation of a new septic tank, drain field, and fencing north of the Fast Flux Test Facility (FFTF) in the 400 Area of the Hanford Site. The Area of Potential Effect (APE) for this activity is approximately 2.62 hectares in size (see Figure 1 attached). The APE is comprised of the area required to install a new septic tank, drain field, and fencing.

As directed by the Nuclear Regulatory Commission (NRC), Energy Northwest is no longer allowed to accept sewage waste from the 400 Area. In order to maintain sanitary functions at FFTF, a new septic tank and drain field capable of handling approximately 3,500 gallons of sewage per day is required.

The existing drain field will be abandoned in place. The existing septic tank will remain in functioning order as a backup septic tank. The septic tank will be closed in accordance with applicable regulations at a future date.

Installation of the new septic tank and drain field will require excavations that may reach 4.6 meters in depth. Installation will include laying a series of PVC piping in a grid system. The drain field will be approximately 800 meters long by 300 meters wide. Fencing will be installed to prevent vehicular traffic within the drain field.

The excavated/graded area will be revegetated by the contractor as required by the Statement of Work and DOE/RL-2011-116, current revision, "Hanford Site Revegetation Manual" which provides a list of recommended species mix and seeding rates for revegetation. A revegetation specialist has been consulted regarding species selection for this project.

Ecological/biological and cultural reviews have been completed for this work activity.

*10/23/13 Site visit to discuss project. Dori Kreske, Paula Cole, Paul Martin, Brett Barnes,
dlk*

III. Reviews (if applicable):

Biological Review Report #: ECR-2013-600-035

Cultural Review Report #: HCRC-2013-600-035

Additional Attachments:

Figure 1, Detail of Area of Potential Effect (APE)

IV. Existing NEPA Documentation

Is the proposed action evaluated in a previous EA, EIS, or under CERCLA?

YES NO

If "NO," proceed to Section V. If "YES," List EA, EIS, or CERCLA Document(s) Title and Number:

N/A

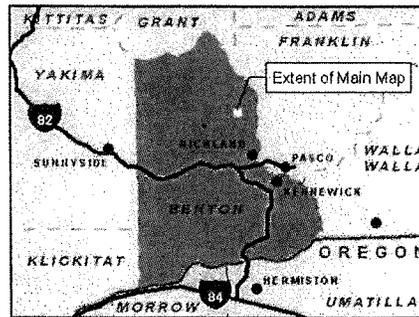
And then complete Section VI. Provide electronic copy of Initiator/ECO signed NRSF to DOE NCO for information only. DOE NCO signature is not required.

Figure 1
Detail of Area of Potential Effect (APE)



Legend

□ Area of Potential Effect (APE)



0 100 200 400 600 800 1,000 Feet
 NOTES: Aerial Image, 2012, Hanford/Benton County.

FIGURE 1
Detail of Area of Potential Effect (APE)
 HCRC#2013-600-035 | 400 Area Septic/Drain Field
 Hanford Site, Benton County, WA